

PATENT

Case 298P001

COMPUTER HAVING PACKET-BASED INTERCONNECT CHANNEL

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Abstract of the Disclosure

A physically non-distributed microprocessor-based computer includes a microprocessor, and a random access memory device, a mass storage device, and an input-output port device, all operable from the microprocessor and including an interface for receiving and transmitting data in packet form. A novel packet-based data channel extends between the microprocessor and the interfaces of the devices to provide communication between the microprocessor and the devices. By varying the size of the packets in accordance with actual data transmission requirements improved computer performance is achieved.

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